



ESF programm „Kutsete süsteemi arendamine“

OCCUPATIONAL STANDARD

Woodworking bench operator, level 3

The occupational standard is a document, that describes the job and competence requirements, i.e. a set of skills, knowledge and attitudes required for successful job performance in a particular occupation.

Occupational qualification title	Estonian qualifications framework (EstQF) level
Woodworking bench operator, level 3	3

Part A

JOB DESCRIPTION

A.1 Job description

A woodworking bench operator, level 3, is a skilled worker that is employed by furniture industry and woodworking companies. His/her work consists in the cutting processing of wood or wood-based materials on woodworking benches, configuring them and performing work operations on them. He/she knows the construction and work principles of woodworking benches and equipment, the cutting processing modes of components and the properties of wood and wood-based materials that are used and the requirements set for the quality of products. A woodworking bench operator, level 3, reads working drawings, arranges one's work and plans one's working time, adheres to occupational and environmental safety requirements. He/she works as member of a team, observes adherence to the operational procedure and productivity and maintains the quality of produce. A woodworking bench operator of level 3 uses the Estonian and English technical languages in one's work.

A.2 Units

A woodworking bench operator, level 3, involves one mandatory unit.

A.2.1 Wood or wood-based materials cutting processing on wood processing benches

A.3 Working environment and specific aspects of work

The working time of a woodworking bench operator may, depending on one's employer, have shifts, be based on a working schedule, involving also night-time, weekends and public holidays. The work pace may be fast and tense at times. The work environment is located indoors and may be noisy. Wood dust that can produce allergic reactions is present in the work environment. Failing to observe working environmental safety requirements may provoke a work accident or possible permanent health damage or occupational disease.

A.4 Tools

The basic tools of a woodworking bench operator are various measuring instruments (caliper, measuring tape, angle measuring instrument etc.), electric and pneumatic tools.

A.5 Personal characteristics necessary for this job: abilities and personality traits

The professional qualification assumes mathematical-logical capabilities and analysing skills, spatial imagination, the accuracy of movements, coordination and a capability for physical exertion, technical intelligence and a sense of responsibility.

Heightened and constant attention to the operational procedure assumes psychological stress tolerance.

Orderliness, accuracy, a learning capability and responsibility are of use.

A.6 Occupational training

People that have obtained the skills required for work in vocational training or during in-service training or during apprenticeship training usually work as woodworking bench operators.



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A.7 Possible job titles
Woodworking bench operator, woodworking bench worker

Part B

COMPETENCE REQUIREMENTS

B.1 The structure of the occupational qualification

In order to certify the professional qualification of a woodworking bench operator, level 3, certification of mandatory competency B.2.1 shall be required.

B.2 Competences

B.2.1 Wood or wood-based materials cutting processing on wood processing benches

EstQF level 3

Performance indicators:

- 1) Planning one's own future activity by taking into account the initial task, the quality of blanks, the processing complexity and options of the woodworking bench
- 2) Using information from the working drawings and process charts for finding blanks
- 3) Checking the condition of cutting tools and their conformity to operation
- 4) Configuring woodworking bench by taking into account the working drawings, process chart and given instructions (technological documentation)
- 5) Sawing, dressing, drilling, milling, turning and polishing components by taking into account the working drawings, process chart and given instructions (technological documentation), by applying ergonomic and safe work techniques
- 6) Assessing the conformity of the component to the quality requirements given in the work task by measuring, marking and using calibres and reference standard components
- 7) Organizing and cleaning the bench on a daily basis in accordance with the requirements
- 8) Using one's working area purposefully and keeping it in order, using materials and tools prudently and economically
- 9) Following requirements of occupational safety and work environment and using occupational health and safety equipment.

Supporting knowledge:

- 1) types of woodworking benches, the cutting tools used and configuration requirements thereof;
- 2) measuring and verification equipment;
- 3) principles of the use of calibers and reference standard components;
- 4) principles of the cutting processing of wood;
- 5) basics of technical drawing and the distinctive features of drawings of furniture and wood products;
- 6) SI system of units;
- 7) mechanical and physical properties of wood and wood defects.

Assessment method(s):

Written task, observing actual work in process and oral interview

Part C

GENERAL INFORMATION AND ANNEXES

C.1 Information on the preparation and approval of the occupational standard, on the body awarding occupational qualifications, and reference to the location of the occupational standard in classifications	
1. Designation of the occupational standard in the register of occupational qualifications	16-17102012-3.3/3k
2. The occupational standard is compiled by: names of people and organisations	Aulika Riisenberg, <i>SA Innove</i> Harri Karjane, <i>AS Hapval</i> Jaanus Sults, <i>OÜ Wisecraft</i> Jüri Minjajev, <i>Eesti Mööblitootjate Liit</i> Tarmo Kalmann, <i>Astangu Kutser rehabilitatsiooni Keskus</i> Üllar Luga, <i>Tallinna Tehnikaülikool</i> Zigmontas Strepaitis, <i>OÜ Balteco Mööbel</i>
3. The occupational standard is approved by (name of the Sectoral Council)	Metsanduse Kutsenõukogu (Forestry Sectoral Council)
4. No. of the decision of the Sectoral Council	10
5. Date of the decision of the Sectoral Council	17.10.2012
6. The occupational standard is valid until (date)	16.10.2017
7. Occupational standard version No. (1-n)	3
8. Reference to the Classification of Occupations (ISCO 08)	7523 Configurers and operators of benches
9. Reference to the level in the European Qualifications Framework (EQF)	3
C.2 Title of occupational qualification in foreign languages	
In English Machine operator	
In Russian Оператор деревообрабатывающего станка	
C.3 Annexes	
Annex 1 Units and tasks	
Annex 2 Basic computer skills	
Annex 3 Descriptions of language skills levels	

Units and tasks

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1	Cutting processing of wood or wood-based materials on standard woodworking benches	Woodworking bench operator, level 3
1.1	Planning future activity	Planning one's own future activity by taking into account the initial task, the quality of blanks, the processing complexity and options of the woodworking bench.
1.2	Using information present in working drawings and process charts	Using information from the working drawings and process charts for finding blanks.
1.3	Checking the condition of cutting tools	Checking the condition of cutting tools and their conformity to operation.
1.4	Configuring a woodworking bench	Configuring woodworking bench by taking into account the working drawings, process chart and given instructions (technological documentation).
1.5	Sawing, planing, drilling, milling, turning and grinding of components	Sawing, dressing, drilling, milling, turning and polishing components by taking into account the working drawings, process chart and given instructions (technological documentation), by applying ergonomic and safe work techniques.
1.6	Assessing the conformity of a component to the quality requirements given in the work task	Assessing the conformity of the component to the quality requirements given in the work task by measuring, marking and using calibres and reference standard components.
1.7	Organising and cleaning the bench	Organizing and cleaning the bench on a daily basis in accordance with the requirements.
1.8	Using the working area purposefully	Using one's working area purposefully and keeping it in order, using materials and tools prudently and economically.
1.9	Following occupational environmental and safety requirements	Following requirements of occupational safety and work environment and using occupational health and safety equipment.



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